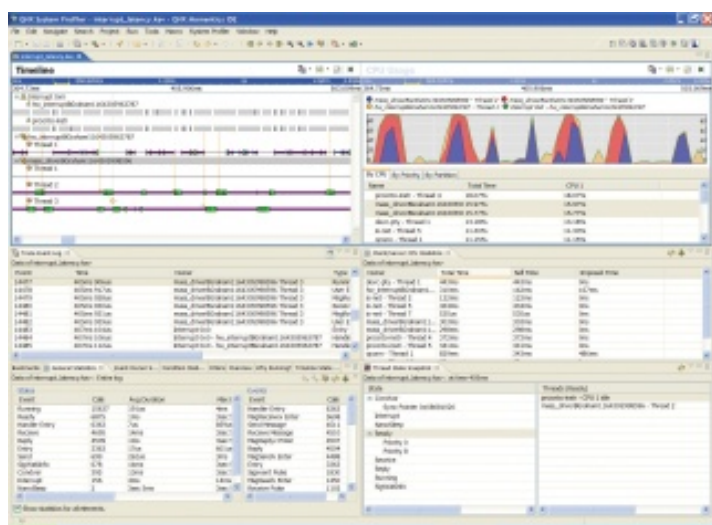


## Overview#

The QNX Momentics System Profiler is a system wide analysis tool that helps resolve problems, such as timing conflicts, locating deadlocks, identifying logic flaws, detecting hidden faults in software and hardware, and fine tuning application performance - whether its running on a uniprocessor or multiprocessor system.

## Features#

- Timeline navigation
- CPU activity analysis
- Event statistics
- Adaptive partitioning analysis
- Multi-core analysis
  - Process migration analysis
  - Inter CPU communication analysis



[Click to enlarge](#)

## Resources#

- Article: [System Analysis using the System Profile](#)
- Whitepaper: [Using System Tracing Tools to Optimize Multi-Core Systems](#)
- Whitepaper: [Using System Tracing Tools to Optimize Software Quality and Behaviour](#)